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Patent

IN THE CLAIMS

Please cancel claim 24 without prejudice or disclaimer.

Claims 1-3 (withdrawn)

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4. (Currently amended) A pharmaceutical composition for topical application to the site of insect bites and stings to relieve the itch, pain, and swelling associated therewith, ~~comprising~~ consisting of an effective amount of an at least one abrasive ingredient and a carrier;

wherein said at least one abrasive ingredient is selected from the group consisting of walnut ~~shells~~ shell, pumice, plastic ~~materials~~ material, sand, stone, glass, seed shell, fruit shell, seed, metal, chitosan and ground crab shell;

wherein said carrier is selected from the group consisting of vegetable oil, fruit oil, soap, surfactant, lubricant, mineral oil, petrolatum, gel, lotion, emollient, white petroleum, beeswax, di-propylene glycol, gum, lubricating jelly and olive oil; and

~~wherein said abrasive ingredient is ground to 35-60 mesh.~~

5. (Currently amended) <sup>object</sup> The pharmaceutical composition for topical application ~~according to claim 4, wherein~~ to the site of insect bites and stings to relieve the itch, pain, and swelling associated therewith, consisting of an effective amount of at least one abrasive ingredient and a carrier;

wherein said at least one abrasive ingredient is selected from the group consisting of walnut shell, pumice, plastic material, sand, stone, glass, seed shell, fruit shell, seed, metal, chitosan and ground crab shell;

wherein said carrier is selected from the group consisting of vegetable oil, fruit oil, soap, surfactant, lubricant, mineral oil, petrolatum, gel, lotion, emollient, white petroleum, beeswax, di-propylene glycol, gum, lubricating jelly and olive oil; and at least

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one ~~an~~ itch-reducing amount of an enzyme chosen from the group consisting of papain, subtilisin, and pancreatin, is added to the pharmaceutical composition for application to the surface of the skin proximate to said insect bite or sting.

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103 (amended)

6. (Original) The pharmaceutical composition for topical application according to claim 4, wherein the composition is in the form of a lotion. 102

7. (Original) The pharmaceutical composition for topical application according to claim 4, wherein the composition is in the form of a paste. 103

8. (Original) The pharmaceutical composition for topical application according to claim 4, wherein the composition is in the form of a liquid. 102

9. (Cancelled)

10. (Currently amended) The pharmaceutical composition for topical application ~~according to claim 1~~ to the site of insect bites and stings to relieve the itch, pain, and swelling associated therewith, consisting of an effective amount of at least one abrasive ingredient and a carrier;

wherein said at least one abrasive ingredient is selected from the group consisting of walnut shells, pumice, plastic materials, sand, stone, glass, seed shell, fruit shell, seed, metal, chitosan and ground crab shell;

wherein said carrier is selected from the group consisting of vegetable oil, fruit oil, soap, surfactant, lubricant, mineral oil, petrolatum, gel, lotion, emollient, white petroleum, beeswax, di-propylene glycol, gum, lubricating jelly and olive oil; and at least one an active ingredient.

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claim 4

11. (Currently amended) The pharmaceutical composition for topical

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application according to claim 10 wherein the at least one active ingredient is selected from the group consisting of menthol, Benadryl, diphenhydramine hydrochloride, germicidal disinfectant, aloe, aloe vera, silicone, antiseptic preparations, antimicrobial agents such as triclosan, broad spectrum surface disinfectants, lidocaine, boric acid, borates, vitamins, oils from flowers, plants or animals, Neosporin, hydrocortisone cream, hydrocortisone acetate, swelling and pain reducers, benzocaine, isobutene, hydrogen peroxide, iodine, zinc acetate, ammonia hydroxide, citronella, peppermint oil, analgesic ingredients, antihistamine ingredients, calamine, camphor, clove oil and methylparaben.

12. (Currently amended) The pharmaceutical composition according to claim 5 wherein said at least one abrasive ingredient and said anti-itch enzyme are applied as a solution in an aqueous pharmaceutical carrier.

13. (Currently amended) A pharmaceutical composition for topical application to the site of insect bites and stings to relieve the itch, pain, and swelling associated therewith, ~~comprising and consisting of~~ effective amount of an at least one abrasive ingredient; and effective amount of an at least one anti-itch enzyme; said abrasive ingredient and said at least one anti-itch enzyme being dispersed in a water based pharmaceutical carrier comprising effective amounts of polysorbate 60; isopropyl palmitate; pentaerythrityl tetracaprylate, pentaerythrityl caprate; poliwx emulsifying wax NF; cetrearyl alcohol; ethyl alcohol; sodium hydroxide; NaHCO<sub>3</sub>; and propylene glycol.

14. (Original) The pharmaceutical composition for topical application according to claim 13, wherein the composition is in the form of a lotion.

15. (Original) The pharmaceutical composition for topical application according to claim 13, wherein the composition is in the form of a paste.

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16. (Original) The pharmaceutical composition for topical application according to claim 13, wherein the composition is in the form of a liquid.

17. (Original) The pharmaceutical composition for topical application according to claim 13, wherein the composition is in the form of a powder.

18. (Currently amended) The pharmaceutical composition for topical application according to claim 13, ~~wherein the composition additionally includes to the site of insect bites and stings to relieve the itch, pain, and swelling associated therewith, consisting of at least one effective amount of at least one abrasive ingredient; and an effective amount of at least one anti-itch enzyme; said at least one abrasive ingredient and said at least one anti-itch enzyme being dispersed in a water based pharmaceutical carrier comprising effective amounts of polysorbate 60; isopropyl palmitate; pentaerythrityl tetracaprylate, pentaerythrityl caprate; poliowax emulsifying wax NF; cetrearyl alcohol; ethyl alcohol; sodium hydroxide; NaHCO<sub>3</sub>; and propylene glycol and an anesthetic.~~ *Don't know*

19. (Previously amended) The pharmaceutical composition for topical application according to claim 18, wherein the active ingredient is selected from the group consisting of menthol, (Benadryl) diphenhydramine hydrochloride, germicidal disinfectants, aloe, aloe vera, silicone, antiseptic preparations, antimicrobial agents such as triclosan, broad spectrum surface disinfectants, lidocaine, boric acid, borates, vitamins, oils from flowers, plants or animals, (Neosporin) hydrocortisone cream, hydrocortisone acetate, swelling and pain reducers, benzocaine, isobutene, hydrogen peroxide, iodine, zinc acetate, ammonia hydroxide, citronella, peppermint oil, analgesic ingredients, antihistamine ingredients, calamine, camphor, clove oil and methylparaben. *Don't know*

20. (Withdrawn)

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21. (Currently amended) A pharmaceutical composition for topical application to the site of insect bites and stings to relieve the itch, pain, and swelling associated therewith, ~~comprising and consisting of an~~ effective amount of an at least one abrasive ingredient and a carrier for said abrasive ingredient suitable for topical application to the site of the insect bite or sting. 102

22. (Currently amended) The composition according to Claim 21, wherein the at least one abrasive ingredient is selected from the group consisting of walnut shell, pumice, plastic material, ground sand, ground stone, ground glass, seed shell, fruit shell, seed, metal, chitosan and ground crab shell; ~~and wherein said abrasive ingredient is ground to 35-60 mesh.~~ 102

23. (Cancelled)

24. (Cancelled)

25. (Previously amended) The composition according to Claim 21, wherein the carrier is selected from the group consisting of vegetable oil, fruit oil, soap, surfactant, lubricant, mineral oil, petrolatum, gel, lotion, emollient, white petroleum, beeswax, di-propylene glycol, gum, lubricating jelly and olive oil. 102

26. (Original) The pharmaceutical composition for topical application according to claim 21, wherein the composition is in the form of a lotion. 102

27. (Original) The pharmaceutical composition for topical application according to claim 21, wherein the composition is in the form of a paste. 103

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28. (Original) The pharmaceutical composition for topical application according to claim 21, wherein the composition is in the form of a liquid.

29. (Cancelled).

30. (Currently amended) The pharmaceutical composition for topical application ~~according to claim 21~~ to the site of insect bites and stings to relieve the itch, pain, and swelling associated therewith, consisting of effective amount of at least one abrasive ingredient and a carrier for said abrasive ingredient suitable for topical application to the site of the insect bite or sting, and an at least one active ingredient.

31. (Currently amended) The pharmaceutical composition for topical application according to claim 30, wherein the active ingredient is selected from the group consisting of menthol, Benadryl, diphenhydramine hydrochloride, any germicidal disinfectants, aloe, aloe vera, silicone, antiseptic preparations, antimicrobial agents ~~agent~~ such as triclosan, broad spectrum surface disinfectants, lidocaine, boric acid, ~~borates~~ any borate, ~~vitamins~~ any vitamin, ~~oils~~ any oil from flowers, plants or animals, Neosporin, hydrocortisone cream, hydrocortisone acetate, any swelling and pain ~~reducers~~ reducer, benzocaine, isobutene, hydrogen peroxide, iodine, zinc acetate, ammonia hydroxide, citronella, peppermint oil, ~~any analgesic ingredients~~ ingredient, ~~any antihistamine ingredients~~ ingredient, calamine, camphor, clove oil and methylparaben.

32. (Currently Amended) The pharmaceutical composition ~~according to claim 22~~ to the site of insect bites and stings to relieve the itch, pain, and swelling associated therewith, consisting of an effective amount of at least one abrasive ingredient and a carrier for said at least one abrasive ingredient suitable for topical application to the site of the insect bite or sting, wherein the abrasive ingredient is selected from the group consisting of walnut shell, pumice, plastic material, ground sand, ground stone, ground

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glass, seed shell, fruit shell, seed, metal, chitosan and ground crab shell; and wherein said  
abrasive ingredient is ground to 35-60 mesh wherein said composition further includes and  
an aqueous pharmaceutical carrier.

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